

Notice of Allowability

Application No.

10/643,480

Examiner

Hadi Shakeri

Applicant(s)

HSIEN, CHIH - CHING

Art Unit

3723

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed on 07/12/04.
2. ☒ The allowed claim(s) is/are 21-30.
3. ☒ The drawings filed on 15 August 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

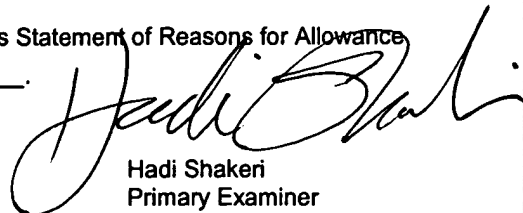
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


Hadi Shakeri
Primary Examiner
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EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given per Applicant's instruction on page 15 of the "REMARKS" filed on 017/12/04 and since this amendment is to correct the clarity and does not introduce any new limitations. This amendment is purely directed to correct obvious mistakes, i.e., change the dependency of claims 22-25 to claim 21 instead of cancelled claim 1; to replace "either one of the limit grooves" line 10 of claim 21 to, "any one of the limit grooves"; delete repeated language, e.g., lines 16 and 21, of claim 21, by deleting "...handle has an inside formed with a receiving chamber..." in line 21; and line 2, of claim 23, "...each of the limit groove has an end provided with a protruding stop portion...", which appear to be authorized by the applicant on page 15.

The application has been amended as follows:

Please replace claims 21-30 with the following:

Claim 21 (currently amended) A hand tool comprising:

a retractable shank including a rod assembly having an outer wall formed with an axially arranged slideway and a plurality of radial circumferential limit grooves intersecting the slideway; wherein the slideway is a recess and each groove is a whole circle enclosing a periphery of the retractable shank;

a handle telescopically mounted on the retractable shank; and

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at least one fixing pin extended through the handle and having a distal end slidably mounted in the slideway of the rod assembly of the retractable shank and slidably positioned in ~~either~~ any one of the limit grooves of the rod assembly of the retractable shank;

each of the limit grooves has an end provided with a protruding stop portion for stopping and positioning the fixing pin;

an elastic member mounted between the retractable shank and the handle;

wherein the handle has an inside formed with a receiving chamber for receiving the movable rod of the retractable shank and the elastic member;

wherein the handle has a periphery formed with at least one through hole for receiving the fixing pin;

~~wherein the handle has an inside formed with a receiving chamber, and~~ the through hole of the handle communicates with the receiving chamber of the handle;

wherein each of the limit grooves has a wall formed with a positioning recess extended downward for positioning the fixing pin; and

the retractable shank includes a driving portion mounted on one end of the movable rod.

Claim 22. (currently amended) The hand tool in accordance with claim 4 21, wherein the distal end of the fixing pin is extended into the receiving chamber of the handle.

Claim 23. (currently amended) The hand tool in accordance with claim 4 21, wherein ~~each of the limit grooves has an end provided with a protruding stop portion, and~~ the positioning recess is located adjacent to the stop portion.

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Claim 24. (currently amended) The hand tool in accordance with claim 4 21, wherein the handle has an end provided with a second driving portion.

Claim 25. (currently amended) The hand tool in accordance with claim 4 21, wherein the driving portion of the retractable shank is selected from one of a ratchet wrench, a socket wrench, a direction controllable socket wrench, a screwdriver ~~hand~~ head, a box-ended wrench, and an open-ended wrench.

Claim 26 (currently amended) A hand tool comprising:

a retractable shank including a rod assembly having an outer wall formed with an axially arranged slideway and a plurality of radial circumferential limit grooves intersecting the slideway; wherein the slideway is a recess and each groove is a whole circle enclosing a periphery of the retractable shank;

a handle telescopically mounted on the retractable shank; and

at least one fixing pin extended through the handle and having a distal end slidably mounted in the slideway of the rod assembly of the retractable shank and slidably positioned in ~~either~~ any one of the limit grooves of the rod assembly of the retractable shank;

each of the limit grooves has an end provided with a protruding stop portion for stopping and positioning the fixing pin;

a first magnetic member mounted on a distal end of the movable rod of the retractable shank, and a second magnetic member mounted on a bottom of the handle and having a polarity the same as that of the first magnetic member, so that the first magnetic member is repulsive with the second magnetic member;

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wherein the handle has an inside formed with a receiving chamber for receiving the movable rod of the retractable shank and the elastic member;

wherein the handle has a periphery formed with at least one through hole for receiving the fixing pin;

~~wherein the handle has an inside formed with a receiving chamber, and~~ the through hole of the handle communicates with the receiving chamber of the handle; ~~and~~

wherein each of the limit grooves has a wall formed with a positioning recess extended downward for positioning the fixing pin; and

the retractable shank includes a driving portion mounted on one end of the movable rod.

Claim 27. (previously presented) The hand tool in accordance with claim 26, wherein the distal end of the fixing pin is extended into the receiving chamber of the handle.

Claim 28. (currently amended) The hand tool in accordance with claim 26, wherein ~~each of the limit grooves has an end provided with a protruding stop portion, and~~ the positioning recess is located adjacent to the stop portion.

Claim 29. (previously presented) The hand tool in accordance with claim 26, wherein the handle has an end provided with a second driving portion.

Claim 30. (currently amended) The hand tool in accordance with claim 26, wherein the driving portion of the retractable shank is selected from one of a ratchet wrench, a socket wrench, a direction controllable socket wrench, a screwdriver ~~hand~~ head, a box-ended wrench, and an open-ended wrench.

2. The following is an examiner's statement of reasons for allowance: prior art, i.e., Jagielo discloses a plurality of transversely arranged limit grooves intersecting a slideway, for which the end of the groove defines a stop (protruding stop relative to the recess), however Jagielo does not disclose nor does it suggest limit grooves in the form of a whole circle enclosing the rod, therefore modifying the prior art by replacing the grooves as disclosed with grooves encircling the rod and further augmenting the groove with a protruding stop to meet these limitations as now recited, appears to the examiner as hindsight.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

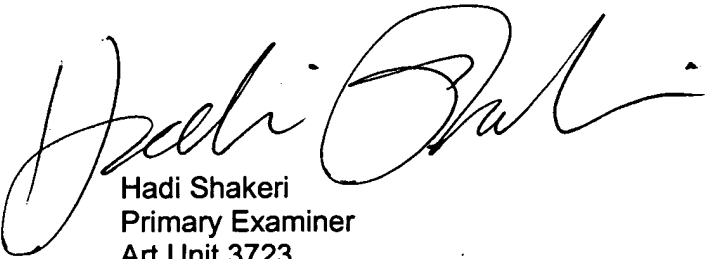
Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hadi Shakeri whose telephone number is 703-308-6279. The examiner can normally be reached on Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph J. Hail, III can be reached on 703-308-2687. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'Hadi Shakeri', is written over the printed name and title.

Hadi Shakeri
Primary Examiner
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October 12, 2004